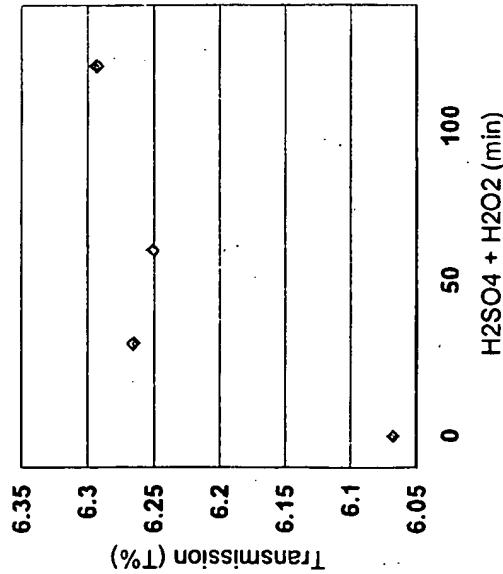


Fig. 11

## IBM 157 nm APSTM

- Transmission 6% at 180 degree phase shift
- Tunable up to 12%
- 2-step RIE etch
  - 12:1 (Fluorine based)
  - 5:1 (Chlorine based)

IBM 157 nm APSTM - Chemical



IBM 157 nm APSTM - Laser

